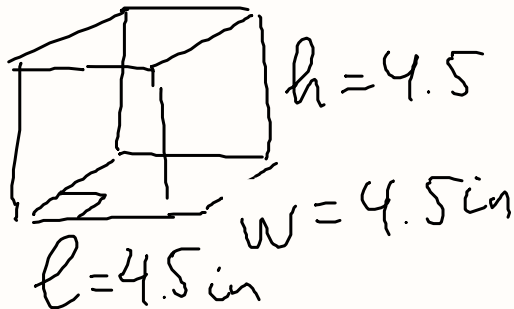


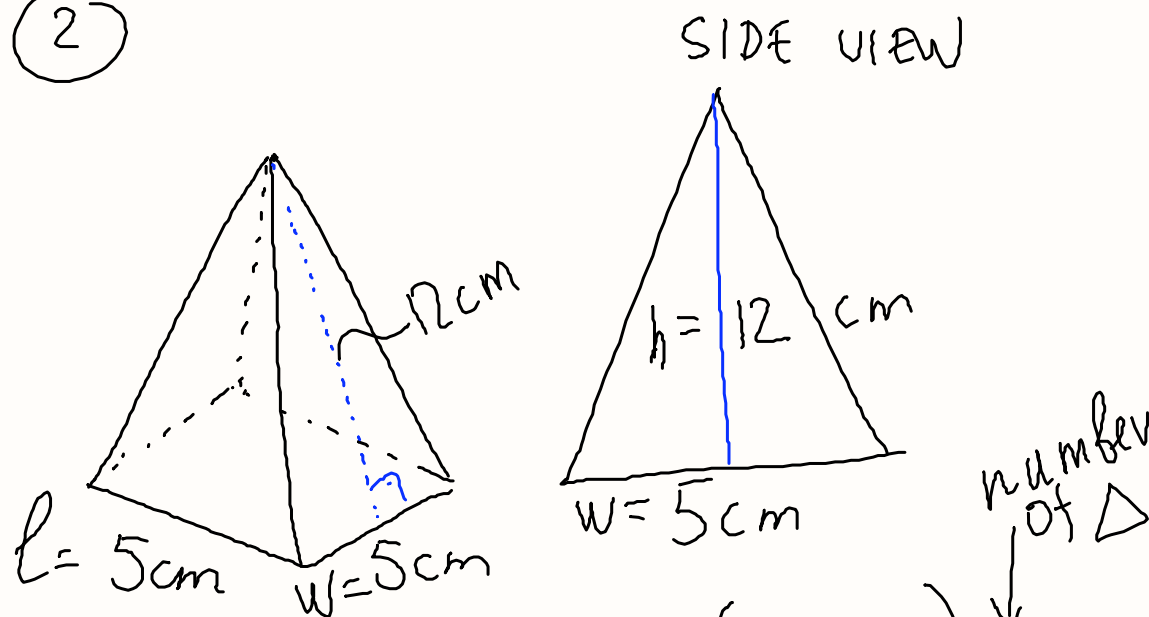
MEASURING UP p. 126

①



$$\begin{aligned} SA &= 2lw + 2lh + 2wh = \\ &= 2 \cdot 4.5 \cdot 4.5 + 2 \cdot 4.5 \cdot 4.5 + 2 \cdot 4.5 \cdot 4.5 = \\ &= 6 \cdot 4.5 \cdot 4.5 = 121.5 \text{ in}^2 \end{aligned}$$

(2)



$$\begin{aligned} SA &= (\text{AREA OF BASE}) + \left(\frac{1}{2} W \cdot h \right) n = \\ &= (5 \cdot 5) + \frac{1}{2} \cdot 5 \cdot 12 \cdot 4 = \\ &= 25 + 120 = \underline{145\text{cm}^2} \end{aligned}$$

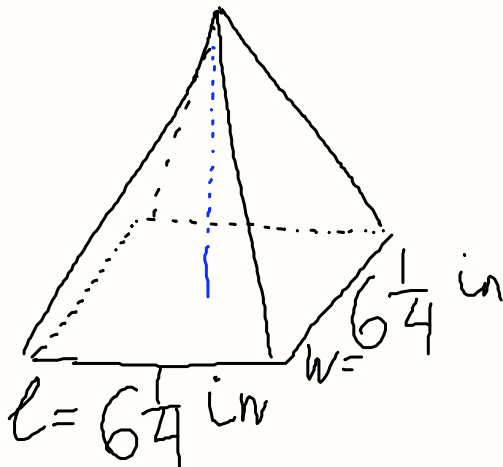
number
of Δ
 \downarrow

6

$$h = 8 \text{ in}$$

$$V = \frac{1}{3} (\text{AREA OF THE BASE}) \cdot h$$

$$6\frac{1}{4} = \left(\frac{25}{4}\right) = 6.25$$



$$\text{AREA OF THE BASE} = l \cdot w = 6.25 \cdot 6.25 = 39.0625 \text{ in}^2$$

$$V = \left(\frac{1}{3}\right) \cdot 39.0625 \cdot 8 = 104.1\bar{6} \approx \underline{104 \text{ in}^3}$$